

SEQUENCE LISTING

<110> University of Utah Research Foundation
 Gesteland, Raymond F.
 Atkins, John F.
 Matveeva, Olga V.
 Shabalina, Svetlana A.

<120> Methods, articles, and compositions for
 identifying oligonucleotides

<130> 21101.0046P1

<150> 60/519,911

<151> 2003-11-14

<160> 1

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1500

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:/note =
 synthetic construct

<400> 1

atgggtgcga	gagcgtcagt	attaagcggg	ggaaaattag	atgcatggga	aaaaattcgg	60
ttaaggccag	ggggaaagaa	aaaatataga	ctaaaacatc	tagtatgggc	aagcagggag	120
ctggaaagat	ttgcacttaa	ccctggcctt	ttagaaacat	cagaaggctg	taaacaaata	180
atgggacagc	tacaaccagc	tcttcagaca	ggatcagaag	aacttagatc	attatataat	240
acagtagcaa	ccctctattg	tgtacatcaa	aggatagagg	taaaagacac	caaggaagct	300
ttagagaaga	tagaggaaga	acaaaacaaa	agtaagcaaa	agacacagca	ggcagcagct	360
gacacaggaa	acagcagcca	ggtcagccaa	aattacccta	tagtgcagaa	tctacaaggg	420
caaatggtac	accaggccat	atcacctaga	actttgaatg	catgggtaaa	agtaatagaa	480
gaaaaggctt	tcagcccaga	agtaataccc	atgttttcag	cattatcaga	aggagccacc	540
ccacaagatt	taaacacccat	gctaaacaca	gtggggggac	atcaagcagc	catgcaaattg	600
ttaaaagata	ccatcaatga	ggaagctgca	gaatgggata	ggttacatcc	agtacatgca	660
gggcctattc	caccaggcca	gatgagagaa	ccaaggggaa	gtgacatagc	aggaactact	720
agtacccttc	aggaacaaaat	aggatggatg	acaagcaacc	cacctatccc	agtgggagaa	780
atctataaaa	gatggataat	cctgggatta	aataaaatag	taagaatgta	tagccctgtc	840
agcatttttg	acataagaca	agggccaaaa	gaacccttta	gagactatgt	agacagggttc	900
tttaaaactc	taagagctga	gcaagctaca	caggatgtaa	aaaattggat	gacagaaacc	960
ttgttggtcc	aaaatgcgaa	cccagattgt	aagaccattt	taaaagcatt	aggaccaggg	1020
gctacactag	aagaaatgat	gacagcatgt	cagggagtg	gaggacccag	ccataaagca	1080
agagtttttg	ctgaggcaat	gagccaagca	acaaatgcag	ccataatgat	gcagagaggc	1140
aatttttaagg	gccaaagaag	aattattaag	tgtttcaact	gtggcaaaaga	aggacacata	1200
gccagaaatt	gcagggccccc	taggaaaaag	ggctgttgga	aatgtggaaa	ggaaggacac	1260
caaataaag	actgcactga	aagacaggct	aatttttttag	ggaaaatttg	gccttccaac	1320
aaggggaggc	cagggaattt	tcttcagagc	agaccagagc	caacagcccc	accagcagag	1380
agcttcgggt	tcggggagga	gataaccccc	tctccgaagc	aggagcagaa	agacaaggaa	1440
ctgtatcctc	cttttagcttc	cctcaaatca	ctctttggca	acgacccctt	gtcacaataa	1500